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From: McKean, Deborah
Sent: Fri 8/7/2015 5:28:19 AM
Subject: Durango Background Surface Water Data

I summarized the surface water data collected along the Animas during 2014. I have selected the Baker's Bridge sampling location to represent the Durango upstream (background) water quality. The data represent water quality samples from April 16, 2014 to December 2, 2014. There are no pH data.

Analyte	Concentration Range (ug/L)	Most Recent Sample 12/2/14 (ug/L)	Sample from One Year Ago 7/29/14 (ug/L)
Aluminum	ND – 148	53.9	67.2
Cadmium	ND – 0.717	0.654	0.274
Calcium	13800 - 45900	45900	25800
Chromium	ND – 1.92	ND	ND
Copper	ND – 17.7	17.7	--
Lead	ND – 11.3	10.5	ND
Magnesium	1540 - 4540	4540	2590
Manganese	319 - 419	419	--
Zinc	23.3 - 118	110	53.5

Without more information on sample locations, this is the best I can do right now. When we have more recent post-incident sampling data for Durango and points down stream, we can compare them to these values.

Deliberative Process/Ex. 5

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